ELSEVIER

Fluid Phase Equilibria 129 (1997) 313

FLUID PHASE EQUILIBRIA

Subject Index

Activity coefficient, 37, 175
Alkane, 1
Alkanols, 1
1-Alkanols, 139
Application, 89
Aqueous NaCl solution, 197
Aromatics, 175
ASOG, 267
Association models, 307

Binary mixtures, 211

Carboxylic acids, 235
Cohesive energy, 61
Compressed liquid mixtures, 61
Continuous thermodynamics, 113
Correlation, 187, 223
Critical volume, 49
Cyclohexane, 223

Data, 129, 211, 267, 285
Data VLE, 223
Diffusion coefficient, 69
Dimethyl formamide (DMF), 175

Electrolytes, 267
Enthalpy, 89
Equation of state, 21, 37, 61, 89
Equation of state (EOS), 197
Equilibria, 139
Ethylene glycol (EG), 175
Excess, 89
Excess viscosity, 211
Excess volume, 211
Experimental, 139, 197
Experiments, 15, 129, 211, 223, 285

Fugacity, 37

Gibbs energy, 89
Group contribution, 69, 139, 267

Hexane, 223

Infrared spectroscopy, 285

Liquid–liquid, 15
Liquid–liquid equilibria, 175, 235
Liquid volume, 49
Low pressure, 197

Methane–hydrocarbon mixtures, 285
Methanol, 223
Method, 15
Method of calculation, 37, 49, 89
Methyl vinyl ketone, 129
Mixture, 1, 21
Model, 37
Modeling, 197
Molecular simulation, 1

Naphtha reformate, 175
Non-polar fluids, 61
Normal boiling point, 49

1-Octanol, 187
Ortho-cresol, 165
Orthonormal polynomial, 113

Partitioning, 235
Phase equilibria, 235
Phenol, 165
Prediction, 187

Reactive extraction, 235

Second virial coefficient, 69
Simulation, 187
Solid–liquid, 139
Solubility, 197
Statistical mechanics, 61

Ternary system, 223
Tetralin, 165
Theory, 21, 69, 307
Thermodynamic excess functions, 307
Transitions, 139
Tri-*n*-octylamine, 235

UNIFAC, 175

Vapor–liquid, 129
Vapor–liquid equilibria, 21, 165
Vapour–liquid equilibria, 1, 267
Viscosity, 69
VLE, 187
VLE high pressure, 285

Water activity, 267

ELSEVIER

Fluid Phase Equilibria 129 (1997) 315

FLUID PHASE EQUILIBRIA

Author Index

Acree Jr., W.E., 307
Al-Muhtaseb, S.A., 175
Arce, A., 187
Asensi, J.C., 15
Ashraf, S.M., 165

Barreau, A., 285
Behar, E., 285
Boushehri, A., 61

Campbell, S.W., 69
Chen, Y.-P., 21
Comesaña, J.F., 267
Correa, A., 267
Correa, J.M., 267

De Leeuw, S.W., 1
Domańska, U., 139

Fahim, M.A., 175

Gomis, V., 15
Gonzalez, J.A., 139
Góral, M., 223
Gotlib, I.Yu., 1
Guo, T.-M., 197

Harismiadis, V.I., 311
Hashemi, F.S., 61
Holcomb, C.D., 105

Keshavarzi, T., 61
Kirsch, T., 235
Knapp, H., 197

Lin Liu, J., 113
Liu, T.-L., 129

Marteau, Ph., 285
Maurer, G., 235
Mohanty, S., 49

Niesen, V.G., 105

Obriot, J., 285
Oh, S.-K., 69
Ohta, T., 89
Oracz, P., 223

Pal, A., 211
Panagiotopoulos, A.Z., 311
Pérez, J.C., 187
Piotrovskaya, E.M., 1
Prasad, D.H.L., 165

Radwan, G.M., 175
Ramakrishna, M., 165
Rao, K.K., 49
Ruffier-Meray, V., 285
Ruíz, F., 15

Saquete, M.D., 15
Sastri, S.R.S., 49
Sereno, A.M., 267
Shan Hill Wong, D., 113
Singh, W., 211
Soto, A., 187

Taylor, R., 37
Tu, C.-H., 129

Van Poolen, L.J., 105
Vittal Prasad, T.E., 165
Vorholz, J., 311

Warycha, S., 223
Wu, Y.-S., 129

Yu, M.-L., 21

Zheng, D.-Q., 197
Ziegenfuß, H., 235